

Agafonov, A. V., Abayeva, B. T., and
Okinshevich, N. A.
CRACKING OF THE HIGH MOLECULAR WEIGHT
HYDROCARBONS OF ROMASHKIN PETROLEUM ON A
NATURAL ALUMINA-SILICA CATALYST. [1961] [20]p.
12 refs.

Order from LC or SLA mi\$2.40, ph\$3.30 61-10500

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR)
1957 [v. 2] no. 2, p. 33-40.

(Chemistry--Organic, TT, v. 5, no. 10)

- 61-10500
- I. Hydrocarbons--
Decomposition
 - I. Agafonov, A. V.
 - II. Abayeva, B. T.
 - III. Okinshevich, N. A.

101584

Office of Technical Services

Indirect Methods for Determining the Relative
Activity of Catalysts, by H. V. Goncharova, et al.

EVSEIAN, per, Khim i Tekhnologiya Topлива i Masel,
No 3, Moskva, 1957, pp 7-14.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Tr 276

Bur of Bituminous Coal Res
Washington, DC Tr 82

Sci - Chem
May 59

87,595

Investigation of the Composition of Phenols
of Primary Tars of Bituminous Brown Coals of
the Ukrainian SSR, by N. M. Karavayev.

RUSSIAN, per, Khim i Tekhnol Top i Masel,
No 3, 1957, pp 19-24.

Dept of Int
US Bur of Mines
Br of Bituminous Coal Res
Washington. No 83

Sci - Fuels
Apr 59

84,624

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The Semicarbazide Tar Bases -- An Effective Corrosion Inhibitor for Steel in Acid Solutions, by K. S. Murtyadin, et al.

RUSSIAN, per, Khim i Tekhnol Topliva i Masel, No 3, 1957, pp 57-62.

ATS RJ-1176

Sci - Chem
Apr 60

114,498

Fine Initiative Displayed in the Drive for Reduction
of Petroleum Product Losses, 3 pp.

RUSSIAN, per, Khimiya i Tekhnologiya Topliva i Masel,
No 3, 1957, pp 71, 72, Encl to SIR-2814.

AID

USSR
Econ
Sci - Fuels

60,346

Toward a Further Improvement of the Technological
and Economic Indices of the Refineries Presently
Under Construction, 12 pp.

RUSSIAN, per, Khim i Tekh Top i Masel, No 4, 1957,
pp 1-7.

AF 1156878

USSR
Econ
May 58

63,082

Working up Gas-Generator Oils of Baltic Combustible Shales Into Motor Fuels, Chemical Products and Gas, by M. K. Dyakova.

RUSSIAN, per, Khim i Tekh Top i Masol, No 4, 1957, p 28.

Dept of Int,
TN7, E57,
No 33

Sci - Fuels, Chem
Nov 58

76,719

The Effect of Pressure on the Viscosity of Solutions
of Some Organo-Silicon Liquids in Mineral Oils,
by M. M. Kusakov, L. A. Konovalova, V. I.
Avdeyeva. UNCL

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RUSSIAN, per, Khim Tekh Top Navel, No 4, 1957,
pp 38-41.

DSIR LIU (loan) M.327

Sci - Chem
Jul 59

SLP 72-4125

90,149

Investigation of the Kinetics of Thermal Decom-
position of Solid Mineral Fuels, by Z. S. Slutkina.
V. I. Knsatochkin.

RUSSIAN, per, Khim i Tekh Top i Msel, No 5, 1957,
pp 27-32.

Dept of Int
US Bur of Mines
Central Exper Sta
Pittsburgh, Pa. No 347

Assoc Tech Serv

Sci - Fuels
May 59

87, 751

Hydrogenation of Enriched Baltic Shales Under Low
Pressure, by A. V. Losovoi, A. A. Krusko, R. A.
Makeyeva, 20 pp.

RUSSIAN, per, Khim i Tekh Topliva i Masel, Vol V,
1957, p 32.

SLA R-3259

Sci

94,077

Aug 59

The Effect of Moisture on the Oxidation of
Siderite, by A. V. Sazonova, Shubnikov.

RUSSIAN, per, Main i Tekh Top i Mater, No 5,
1957, pp 40-43.

Dept of Int
US Bur of Mines
Central Expn Sta
Pittsburgh, Pa. No 431

S41 - Chem NLL Ref: 70 22,66 1963 (2264) (LOAN)
May 59

87,750

The Use of Radioactive Carbon for the Investigation of the Behavior of Methane Under the Conditions of Synthesis of Hydrocarbons From CO and H₂ Over Iron Catalysts, by Yu. B. Kryukov, et al.

RUSSIAN, per, Khim Tekh Top 1 Masel, No 6, 1957, pp 26-33.

Sci - Chem
Jan 59

Assoc Tech Serv,
East Orange, N. J.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 297

88,581

Reasons for the Peening of Petroleum Stock During
Thermal Decomposition, by P. G. Igonin.

RUSSIAN, per: Khim i Tekhnol Topliva i Masel, No 6,
1957, pp 66-68.

ATS RJ-1105

Sci - Chem
Apr 60

114,499

Combined Utilization of Coals for Producing Gas and
Chemicals as a Basis for Centralized Gas Supply for
the Eastern Regions, by V. S. Al'tshuler, N. V.
Shishakov.

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 7,
1957, pp 1-15.

NCB A. 1575

Sci

Mar 62

Investigation of the Mechanism of Carbon Dioxide
Reduction Using Radioactive Carbon, by I. G.
Petrenko.

RUSSIAN, per, Khim i Tekh Top i Masel, No 7,
1957, pp 15-20.

AT8

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 286

Sci - Chem Jun 59

90,933

Investigation of the Reduction of CO₂ Using Radio-
active Carbon, by I. G. Petrenko. UNCL

RUSSIAN to GERMAN, per, Khim i Tekh Top i Masel,
No 7, 1957, pp 15-20.

Verein Deutscher Eisenhuettenleute
Duesseldorf
Breite Strasse 27, Germany

May 59

B9. 5

English to Russian
English to Russian
English to Russian
English to Russian

The Distribution of the Gas Flow in a Fixed Bed, by
D. K. Kollerov. UNCL

RUSSIAN to GERMAN, per, Khim i Tekh Top i Masel, No 7,
1957, pp 23-28.

Verein Deutscher Eisenhuetten-
leute
Duesseldorf
Breite Strasse 27, Germany.
B.9.4

Apr; May 59

Effect of The Physico-Chemical Properties of
Lubricating Oils on Power Losses in Gear Trans-
missions, by E. I. Klimov et al.
UNCLASSIFIED

RUSSIAN, per, Khim i Tekh Top i Masel, ~~Neft' i Gaz~~
No 7, 1957, pp 39-43

Co-op Tr Scheme 515
(L 2.)

Sc: -
Jan 59

77,853

Formation of Sediments in Fuels for Gas
Turbine Engines, by Ya. B. Chertkov, V. H. Zrellov,
W. I. Marluhenko, V. M. Shchagin, 11 pp. UNCLASSIFIED

RUSSIAN, no per, Khim i Tekh Topliva i Masel,
No 7, 1957, pp 57-63, Encl to IR-1009-58, AFCEH-1A1.

AF 1156847

60,070

Sci - Znanik Fuels
Mar 58

Proceedings of the All-Union Conference on
Heterogeneous Solid Phase Processes (Fluid Bed
Processes), 5 pp. UNCLASSIFIED

RUSSTAN, per, Khim i Tekh Top 1 Masol, No 7, 1957,
pp 69-71, Encl to IR-1420-58, AFOM-111.

AF 1178910

Sci - Geophysics
Ann 58

65, 210

The Synthetic Detergent Industry Abroad and in the
USSR, a Discussion, by A. D. Petrov.

RUSSIAN, per, Khim i Tekhnol Topliv i Masel, Vol II,
No 8, 1957, pp 1-4.

ATS RJ-1695

Sci - Chem

Jul 59

90,862

The Problem of Selecting a Scheme for Continuous
Distillation of Synthetic Fatty Acids, by A. I. Levin.

RUSSIAN, per, ~~Khim i Tekhnol~~, ~~Topliva i Masel~~,
Vol II, No 3, 1957, pp 27-30.

ATS RJ-1290

Sci - Chem
Apr 60

114,557

Effect of Hydrodynamic Conditions of Synthesis
of Hydrocarbons From Carbon Monoxide and Hydrogen
at Atmosphere Pressure, by I. V. Gebler, S. I.
Smol'yaninov, 11 pp. UNCLASSIFIED

RUSSIAN, per, ~~Khimiya i Tekhnika i Masel~~, No 8,
Aug 1957, pp 51-57.

US JPRS/DC-172

Jul 58

Urea Dewaxing of a Wide Fraction (120-170° C) of
Yulmyn Crude, by I. L. Gurevich, V. Chzhen-Yan, V. A.
Shcherbakova, 9 pp.

RUSSIAN^{pub} Khim i Tekhnol Topliva i Masel, No 8, 1957,
pp 56-83.

Assoc Tech Serv-43J18R

Sci
Apr 59

84,473

Effect of the Chemical and Fractional Composition
of Oils on Their Viscosity Temperature Properties,
by S. E. Kreyn, M. S. Borovaya, 14 pp.
UNCLASSIFIED

RUSSIAN, per, Khim i Tekh Top i Masel, No 9, 1957,
pp 11-20, Encl to IR-1178-58, AF CIN-1A1.

AF 1164313

Sci - Fuels
Apr 58

61,199

Dewaxing Properties of Activated Charcoal,
by E. M. Breshchenko, 12 pp. UNCLASSIFIED

RUSSIAN, per, Khim i Tekh Top i Masel,
No 9, 1957, pp 32-41.

AF 1183966

Sci - Fuels
Aug 58

68,926

Radiochemical Investigation of the Mechanism
of Additives Which Reduce Corrosive Wear in the
Cylinder-Piston Assembly of an Engine, by γ .
S. Zaslavskiy, G. I. Shor. UNCL

RUSSIAN, per, Khim i Tekh Top, No 9, 1957,
pp 41-49.

The Thornton Res Centre
1004 OT/3116

SLI 57-121

81,471

Sci - Chem
Feb 59

Planning Paraffin Wax Plants, 8 pp.

RUSSIAN, per, Khim i Tekh Topliva i Masel,
No 9, 1957, pp 57-63, Encl to SIR-2839.

AID/Mar 58

USSR - Econ
Aug 58

69, 445

The Problem of Investigating the High-Temperature
Stability of Aviation Fuels, by Z. A. Sablina,
A. A. Gureyev. UNCL

RUSSIA, per, Khim i Tekh Topliva, No 9,
1957, pp 63-66.

The Thornton Research Centre
Ref 742 OT/3049

Sci - Fuels
Jun 59

89,769

The Feasibility of Separating Resinous and
Cutinized Components From Coal Using a
Flotation Method, by A. N. Chistyakov.

RUSSIAN, per, Khim i Tekhnolog Topliva i Masel,
No 10, Moskva, 1957, pp 6-9.

Dept: of Interior
US Bur of Mines
ATS RJ-1296
Br of Bituminous Coal Res
Washington, DC. Tr 95

Sci - Chem

87,531

May 59

Mechanism of the Detergent Action of Alkyl-Phenol
Additives, by A. V. Druzhinina, et al. UNCLASSIFIED

RUSSIAN, per, Khim i Tekh Top i Masel, No 10, 1957,
pp 42-47.

ATS - RJ - 1379
DSIR/TCL 106

Sci - Chem

Co-op Tr Scheme 577

Nov 58

82, 025-

Method and Apparatus for the Rapid Determina-
tion of Actual Gum in Fuels, by I. P. Budarov.

RUSSIAN, per, Khim i Tekh Top i Masel, No 10,
1957, pp 66, 67.

Dept of Int
US Bur of Mines
Br of Bituminous Coal Res
Washington. No 94

Sci - Engr

Apr 59

84,613

A New Method of Producing a Limit-Soil Suspension
and Synthetic Grease, by V. M. Sedachov. UNCLASSIFIED

RUSSIAN, per, Khim i Tekh Topliwa i Masel, No 10,
1957, pp 72-.

(possibly OSIR/TCL 106)

Assoc Tech Sv 83K21R

Sci - Fuels
nov 58

75, 916

Washington

Forty Years of the Soviet Oil Refining
Industry, by B. M. Rybak, 13 pp. UNCLASSIFIED

RUSSIAN, no per, Khim i Tekh Topliva i Masel,
No 11, Moscow, Nov 1957, pp 5-13.

US JPRS/DC-41
(DC-1514)

60,156

USSR - Econ
Mar 58

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Step-Wise Counter-Current Method of Contacting
Fine-Grained Solid Materials with Gases and Vapours
in Heterogeneous Chemical Processes, by D. I.
Orochko, T. Kh. Melik-Akhnazarov, G. N.
Poluboiarinov, 19 pp.

RUSSIAN, per, Khim i Tekh Toplov i Masel, Vol II,
No 12, 1957, pp 1-12.

AEC IGIS-65(RD/R)

118,893

Sci - Chem
Jun 60

DSIR 224 m-1582

The Movement of a Compact Bed of Granular Material
in Apparatus, by P. I. Lyukyanov, et al, 17 pp.

RUSSIAN, per, Khim i Tekh Topliva i Masel, Vol XII,
Moscow, 1957, pp 38-44.

Dept of Interior
Bu of Mines
Central Expt Sta
Pittsburgh, Pa.
Tr 472

Sci - Engr; Geophys

SLA R-5344

103,035

Dec 59

Mechanism of Drying of Pelleted Aluminium
Silicate Cracking Catalysts, by Ya. V. Mirskiy.
UNCL

RUSSIAN, per, Khim i Tekh Topliva i Masel,
No 12, 1957, pp 45-52.

DSIR LIU RTS 1071

Sci - Chem
Jul 59

90,683

Hydrogen Obtained by the Continuous
Thermal Decomposition of Hydrocarbons Gases,
by V. B. Goffe, 7 pp. UNCLASSIFIED

RUSSIAN, per, Khim i Tekh Top i Masel,
No 12, 1957, pp 52-56, Encl. to IR-1696-58,
AFCHH-1A1.

ATS RJ-1185

AF 1187131

SLA 61-17640

Sci - Chem; Phys
Oct 58

75.150

Kinetics of Thermal Decomposition of Coal
by M. Shapiro,

RUSSIAN, per, Khim i Tekh Topliva i Masel,
No 12, pp 64-69, 1957

C.S.I.R.O. 4223

Sci - Fuels

May 60

115929

Tests on Combining the Methanol Synthesis with
Processes of Destructive Hydrogenation, by I. A.
Makarov, V. M. Bizyaev,.

Khim i Tekhnol Topliv i Masel

RUSSIAN, per, *Isk*, Vol III, No 1, 1958, pp 9-17.

x

ATB-96K24R

RJ-1510

Sci -

May 59

87,265

Pyrolyse a Haute Temperature de la Fraction Ethane (1)
en Vue de L'Obtention de L'Ethylene(High-Temperature
Pyrolysis of the Ethane Fraction for Obtaining Ethylene),
by P. S. Kogan, L. A. Potolovskiy, 18pp.
RUSSIAN, to FRENCH, per, Khim Tekh Topliv i Masel, Vol III
No 1, PP 25-32, 1958.

Reverse Trans
OTS 62-26/30

Sci-Chem
March 64

Stability of Activity of Vitreous Silica-Alumina
Bead Catalyst, by L. I. Pigusova.

RUSSIAN, per, Khim i Tekhnolog Topliva i Masel,
Vol III, No 1, 1958, pp 47-52.

Assoc Tech Serv RJ-1386
" " " 57K23R

Sci - Min/Met

Apr 59

85, 330

How to Meet Future Demands of the Soviet National
Economy for Petroleum Products, by A. S. Sergeyev
et al, 9 pp. UNCLASSIFIED

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 2,
1958, pp 1-7, Encl to IR-1324-58, APCIN-1A1.

AF 1173645

USSR
Econ
May 58

63,358

The Destructive Hydrogenation of n-Heptane and
of n-Hexadecane in the Presence of a Nickel
Catalyst, by M. D. Tilicheyev, A. A. Polyakova, 10 p.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv i
Masel, 1958, Vol III, No 1, pp 40-46.

SLA 59-17421

Sci
Feb 60
Vol 2, No 9

107,044

Step-Wise Counter-Current Contact Apparatus With
Fluidized Bed of Fine-Grained Materials, by D. I.
Orochko, T. Kh. Melik-Akhmazarov, G. N. Poluboiarinov,
10 pp.

RUSSIAN, per, Khim i Tekh Toplivo i Masel, Vol III,
No 2, 1958, pp 22-28.

AEC IGIS-66(RD/R)

Sci - Chem
Jun 60

118,894
DSIR 224 III-1582 (LOHII)

Investigation of a Process for Blowing Hydrogen
Sulfide From Petroleum Refinery Waste Waters,
by I. L. Mar'yasin,.

RUSSIAN, R, Per, Khim i Tekhnol. Topliv i Masel,
Vol III, No 2, 1958, pp 34-41.

ATB-95K2/R
RJ-1508

Sci
May 59

87,289

Safronova, T. P. and Zhuze, T. P.
STUDY OF THE SOLUBILITY OF GASES IN OILS
AT ELEVATED PRESSURES AND TEMPERATURES
(Izucheniye Rastvorimosti Gazov i Nefiyakh pri
Povyshennykh Davleniyakh i Temperaturakh). [1961]
[15]p. 13 refs.
Order from LC or SLA m\$2.40, ph\$3.30 61-10489

Trans. of Khim[ya] i Tekhnol[ogiya] Topiv i Masel
(USSR) 1958 [v. 3] no. 2, p. 41-46.
Another translation is available from LC or SLA
m\$1.80, ph\$1.80 as 60-18189 [1960] 10p.

For abstract see TT, v. 4, no. 11.

(Chemistry--Physical, TT, v. 5, no. 10)

61-10489

1. Petroleum--Impurities
2. Natural gas--Solubility
1. Safronova, T. P.
- II. Zhuze, T. P.

101582

Office of Technical Services

Agafanov, A. V., Abayeva, B. T., and
Okinshevich, N. A.

CRACKING OF SEPARATE GROUPS OF HYDROCAR-
BONS FROM ROMASHKINO RESIDUAL OIL IN THE
PRESENCE OF NATURAL ALUMINO-SILICATE CATA-
LYSTS (Kreking Otdel'nykh Grupp Uglevodorodov
Romashkinskogo Gudrana v Prisutstvi Prirodnykh
Alyumosilikatnykh Katalizatorov). [1961] [13]p.
Order from LC or SLA m\$2.40, ph\$3.30 61-10488

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1958 [v. 3] no. 2, p. 46-53.

Principles are established governing the catalytic
cracking of heavy oil feed stocks. At operating tem-
peratures below those normally used in practice for
thermal cracking, an adequate conversion is obtained
for the different groups of hydrocarbons and compounds
present in residuum (the overall degree of conversion is
85.6 to 88.7% by weight). Under the conditions of cata-
lytic cracking, the greatest break down is shown by the
(Chemistry--Organic, TT, v. 5, no. 10) (over)

61-10488

I. Hydrocarbons--
Decomposition

I. Agafanov, A. V.
II. Abayeva, B. T.
III. Okinshevich, N. A.

151581

Office of Technical Services

Polymerization of Arylenes Over a Phosphoric Acid
Catalyst, by E. G. Volpova, 10 pp.

RUSSIAN, per, Khim i Tekh Top i Masel, Vol III, No 2,
1958, pp 54-57.

CIA/FDD XX-558

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Sci - Chem

Jan 59

USIS INTERNAL USE ONLY

78,542

Method of Analysis of Bituminous Materials Entering
Entering Into the Composition of Tars, by M. V.
Morozova. UNCL

RUSSIAN, per, Khim Tekh Top i Masel, No 2, 1958,
pp 58-61.

DSIR 34298/CT

Sci - Fuels
Mar 59

83,375

Production of Acetylene by High-Speed Contact
Cracking of Propane, by O. V. Kozlinskaya, K. P.
Lavrushkiy, A. M. Brodskiy, 8 pp.

RUSSIAN, per, Khim i Tekhnol Top i Masel, Vol
III, No 3, 1958, pp 1-7.

Assoc Tech Sv
STAN

ATS-RJ-1407

Sci - Chem
Apr 59

84,375

The Formation of an Active Surface on Tantalum
Catalysts Used in Synthesis Prop CO from H_2 , by
W. B. Egan.

HYDROGEN, per, Rabin 1 Rabin 1 Rabin, Vol III,
No 3, 1958, pp 15-22.

Dept of Int
US Bur of Mines
Central Export Sec
Pittsburgh, Pa. No 407

NLL M. 407

Sel - Chem

Mag 59

87,724

Relationship Between Mass Transfer and Liquid Resistance on Bubble-Cap and Sieve Trays, by A. N. Planovskiy, et al.

RUSSIAN, per, Khim i Tekhnol Topliva i Masel, Vol III, No 3, 1958, pp 30-33.

ATS RJ-1291

Sci - Chem
Apr 60

114,558

Continuous Contact Coking of Petroleum Residues
Increases Light Product Yields. 7 pp.

RUSSIAN, per, Khimiya i tekhnologiya topliv
i masel, No 3, 1958, pp 43-45.

AF 1255615

USSR
Sci-Fuels

May 59

87,120

Demulsifying Ability of Some Organophosphorus
Compounds as Oil Additives, by A. B. Vippar et al.

RUSSIAN, per, Khim. i Tekhnolog. Topлива i Masel,
Vol III, No 3, 1958, pp 45-47.

Assoc Tech Serv RJ-1378
" " " 78K23R

Sci - Fuels

Apr 59

85,277

Multipurpose Additives for Lubricating Oils and
Greases Based on the Oxidation Products Obtained
From Petrolatum and Ceresin, by D. S. Velikovskiy.

RUSSIAN, per, Khim i Tekhnolog Topлива i Masel,
Vol III, No 3, 1958, pp 48-52.

Assoc Tech Serv RJ-1380
" " " 66K23R

Sci - Fuels

Apr 59

85,276

A Study of the Rate of Oxidation of Carbon in a
Carbon Dioxide or Steam Medium, by P. E. Galushko.

RUSSIAN, per, Khim i Tekhnolog Topliva i Kisel,
Vol III, No 3, Moskva, 1958, pp 56-63.

ATB
Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Tr 315

Sol - Chem

May 59

87, 614

A Study of the Reducing Phase of a Continuous Iron-
Steam Method for the Production of Hydrogen, by
A. A. Gavrilova, N. V. Shishakov.

Khiz i Tekhnol Topliv i Masel

RUSSIAN, per, *Izht*, Vol III, No 3, 1958, pp 63-70.

ATH-74EP3E

RJ-1509

Wydol of Antimony

Sci

Sci

May 59

Central Experiment

77-553

84,264

Letter to the Editor

**A Rapid Method for Determining the Sulfur Content
in Liquid Fuel, by P. S. Makovitskiy, K. B.
Makluchovskaya.**

**RUSSIAN, per, Khim i Tekhnolog Toplivo i Masel,
Vol III, No 3, 1958, pp 71, 72.**

**Assoc Tech Serv RJ-1492
" " " 490242**

Sci - Chem

Apr 59

85, 618

New Trends in the Production of Motor Oils; Properties and Advantages of the New Lubricants, by E. O. Semanido.

RUSSIAN, per, Khim i Tekhnolog Topliva i Masel, Vol III, No 4, 1958, pp 1-9.

Assoc Tech Serv RJ-1377
" " " 6024R

Sci - Fuels

Apr 59

85,275

Something New in the Reiteration of the Thermal
Stability of Lubricating Oils, by K. K. Papok.
UNCL

RUSSIAN, per, Khim i Tekh Top 1 Masel, No 4,
1958, pp 17-23.

ASSOC TECH SERV / RJ-1583
Co-op Tr Scheme 618
(12.16s.)

Sci - Fuels
Mar 59

83,407

The Catalytic Action of Metals on Lacquer Formation
in the Presence of Friction, by S. K. Kyuregyan.

RUSSIAN, per, Enin i Tekhnolog Topliva i Masel,
Vol III, No 4, 1958, pp 23-25.

Assoc Tech Serv RJ-1382
" " " 78K25R

Sol - Min/Met

Apr 59

85,278

Determination of Thermal Stability of Fuels,
by G. S. Shimonayev, et al. UNCL

RUSSIAN, per, Khim i Tekh Top i Masel, No 4,
1958, pp 46-51.

ASAC TECH SERV / RJ-1384
Co-op Tr Scheme 619
(12.8s.)

Sci - Fuels
Mar 59

83,409

Estimation of the Stability of Fuel of the
Kerosene Type by Pumping it Through Jet Engine
Fuel Pumps, by ~~Engt~~ B. F. Korobov, et al. UNCL

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 4,
1958, pp 51-55.

Co-op Tr Scheme 620
(12).

Oct - Fuels
Mar 59

FF 1255706

83,408

Calcium Hydride Method of Determination of Water
Content of Fuels With Consideration of the Kinetics
of Hydrogen Evolution, by M. M. Buzakov, et al.

RUSSIAN, par, Khim i Tekhnolog. Zapiv i Masel,
Vol III, No 4, 1958, pp 55-61.

Assoc Tech Serv RJ-1493
" " " OSHA

Sci - Chem

Apr 79

85,619

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830047-3

Upgrading of Petrolatum by Means of High Pressure
Hydrogenation, by N. I. Kalashnikova, D. B. Orechkin.

RUSSIAN, per, ~~Khim i Tekhnolog Topliva i Masel~~,
Vol III, No 5, 1958, pp 47-51.

Assoc Tech Serv RJ-1416
" " " 81K24R

Sci - Chem

Apr 59

85,299

Use of Furgural for Refining of Lubricants from
Eastern Crude, by A. Z. Bikhilov, N. I.
Chernozhukov, 8 pp.

RUSSIAN, per, Khim i Tekh Topliva i Masel,
Vol III, No 6, 1958, pp 52-57.

SLA 60-14348

Sci
Jan 62
Vol III, No 10

181, 25.5

The Conditions for the Reduction of Iron-Copper Catalysts, by B. P. Vainshtein, et al.

RUSSIAN, per, Khim i Tekhnolog Topliva i Masel,
Vol III, No 6, 1958, pp 65-70.

Assoc Tech Serv RJ-1385
" " " 74K25R

Sci - Min/Mat

Apr 59

85, 329

Obtaining Gases of a Given Composition When
Gasifying Solid Fuels Under High Pressure, by
V. S. Al'tshuler, G. S. Shafir.

RUSSIAN, per, Khim i Tekh Topliva i Masel, Vol III,
No 7, 1958, pp 1-8.

DSIR LLU M. 2290

61-13772

169, 827

Sci - Fuels

Oct 61

Investigation of the Paramagnetic Resonance of
Donbass Coals, by A. A. Galkin, D. A. Kichigin, 18 pp.

RUSSIAN, per, ~~Khim i Tekh Topl'iv i Masel~~, Vol III,
No 7, 1958, pp 8-14. 9081700

SLA 60-15376

NLL M. 117

Sci.

169, 864

Sep 61

Vol III, No 9

The Solubility of Petroleum in Compressed Gases,
by G. N. Yushkevich, T. P. Zhurav, 11 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III,
No 7, 1958, pp 45-53.

SLA 60-10940

Sci
Jan 60
Vol III, No 5

119, 178

Studies of Chinese Scientists in the Field of
Destructive Hydrogenation of Fuels, by I. V.
Kalechits, ~~Y~~ K. Syue-lun.

RUSSIAN, par, Khim i Tekh Topliv i Masel, Vol III,
No 7, 1958, pp 53-62.

ATS RJ-1901

Sci - Chem
Dec 59

104,078

Corrosive Activity of Hydrocarbon Fuels in Presence^g
of Elementary Sulfur, by Ya. B. Chertkov, V. N. Zrelo
et al, 8 pp.

RUSSIAN, per, Khim i Tekh Topl'iv i Masel, Vol 7, 1958
pp 62-66. 9660833

ATTC MCL-427/V

Sci - Fuels

Nov 59

149,443

Conical Chromatographic Columns, by V. V. Vesselov,
RUSSIAN, per, Khim i Tekh Topliva, Vol VII, 1958,
pp 66-70, 9072294.

ACSIL No 1227

Sci

Nov 60

132,278

Air Shock Stability of Mineral and Synthetic
Lubricating Oils, by S. E. Kreyt, O. P.
Maknashova, 11 pp. UNCLASSIFIED

RUSSIAN, per, Khim i Tekh Top i Masel, No 8,
1958, pp 9-15.

AF 1255440

Sci - Fuels
Mar 55

82,434

THE CATALYTIC CONVERSION OF HYDROCARBON GASES WITH
Steam, by M. B. Zhadanovskiy, 8 pp.

RUSSIAN, par, Khim i Tekh Toplivo i Masla (USSR),
Vol III, No 8, 1958, pp 38-44.

Assoc Tech Serv
57827R

Sci - Chem
May 59
OES, V I, No 6

K I
ATS RJ-1674

86,335

XX

The Effect of Steam on the High-Temperature Cracking
of Gas-Oil, by V. S. Aliyev, H. P. Kasimova, H. B.
Al'tman, 7 pp.

RUSSIAN, per, Khim i Tekhnol Topliv i Masel (USSR),
Vol III, No 8, 1958, pp 44-49.

Assoc Tech Sr

584278

RJ-1587

Sci - Fuels

May 59

OES, V. I, No 5

86,186

The Effect of the Rate of Heating Coal on the
Evolution of Volatiles, by M. G. Reznik, E. Ya.
Eidel'man,

Russian, per, Khim i Tekh Topliv i Masel, Vol III,
No 8, 1958, pp 56-58.

ATS RJ-1620

Sci - *chem, Engr*
Jul 59

90,446

The Transformations of Hydrocarbons During
Destructive Hydrogenation in the Presence of
A Ni_2S_3 -Silica-Alumina Catalyst, by V. A.
Zakharenko, 10 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel (UdAR)
Vol. IX, No 8, 1958, pp 64-70.

Assoc Tech Serv

59427A

RJ-1598

801 - Chem

May 59

CFA, V. I, No 6

86,325

Condensed Aromatic Hydrocarbons in the Light Oil
Fraction of Cheleken Petroleum, by A. M. Niyazon,
et al.

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 9,
1958, pp 13-18.

CCT-1630B

Sci - fuels
Dec 59

102,994

Kinetics of the Process of Continuous Absorption
in a Fluidized Bed, by A. N. Planovskiy, L. A.
M Vlasenkov, 12 pp.

RUSSIAN, per, Khim i Tekh Toplivo i Masel USSR,
Vol III, No 9, 1958, pp 7-13.

SLA 59-15009

Sci
Dec 59
Vol 2, No 4

102,777

The Effect of Moisture on Dielectric Losses in
Liquid Dielectrics, by R. A. Lipshtein, E. N.
Shtern. UNCL

RUSSIAN, per, Khim i Tekh Topliva, No 9, 1958,
pp 29-34.

DSIR LIU (loan) M.346

Sci - Electricity
Jul 59

90, 137

Production of Detergents From Olefines, by E. M.
Khayfats, et al. UNCL

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 9,
1958, pp 48-54.

DSIR LIU RT3 1018

Sci - Chem
Jun 59

88,490

Aleksandrov, S. N., Smulyakovskii, Ya. E., and
Alekseev, S. A.
SPEKTRALANALYTISCHE BESTIMMUNG VON
VANADIUM UND NICKEL IN ERDÖLPRODUKTEN.
(Spectroscopic Determination of Vanadium and
Nickel in Mineral Oil Products). 5p.
Order from TIB \$1.20

Trans. in German of Khimiya i Tekhnologiya Topliva i
Masel (USSR) 1958 [v. 3] no. 9, p. 69-71.

DESCRIPTORS: *Spectroscopy, Determination,
*Vanadium, *Nickel, *Mineral oils.

(Chemistry--Analytical, TT, v. 9, no. 11)

62-27311

- I. Aleksandrov, S. N.
- II. Smulyakovskii, Ya. E.
- III. Alekseev, S. A.
- IV. Technische Informations-
bibliothek, Hannover
(West Germany)

Office of Technical Services

Conversion of the Oxygen-Containing Compounds of
Cheremkhovo Tar During Liquid-Phase Hydrogenation,
by K. A. Alekseyeva, B. L. Moldavskiy.

RUSSIAN, per, Khim i Tekh Toplivo i Masel, Vol III,
No 10, 1958, pp 7-11.

ATS RJ-1902
ATS 394318

Sci - Chem
Dec 59

104,079

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CIA-RDP84-00581R000300830047-3

Study of the Kinetics of Oxidation of Reduced Iron ~~(Sarychev)~~
Catalysts and Gases by Steam for the Purpose of Obtaining
Hydrogen, by D. Yu. Gamburg, B. L. Sarychev, 10 pp.

RUSSIAN, per, Khim i Tekh Toplivo i Masel USSR, Vol III,
No 10, 1958, pp 16-24.

ATS-40L31R

102-1958

Sci
Dec 59
Vol 2, No 4

102, 722

Regeneration of Hydrogenation Catalysts With Hydrogen
by S. P. Rogov, et al.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol III,
No 10, 1958, pp 29-33.

ATS RJ-1592

Sci - *chem*
Jul 59

90,438

Aizenshtain, P. G. and Kurchik, A. N.
UEBER EINIGE EIGENSCHAFTEN VON IN ROHÖL
LÖSLICHEN DEMULGATOREN (On some Properties
of Demulgators Soluble in Crude Oil). 5p.
Order from TIB \$1.20

Trans. in German of Khimiya i Tekhnologiya Topliv i
Masel (USSR) 1958 [v. 3] no. 10, p. 34-36.

DESCRIPTORS: *Chemical properties, *Oils,
Colloids.

(Engineering--Chemical, TT, v. 9, no. 11)

62-27301

I. Aizenshtain, P. G.
II. Kurchik, A. N.
III. Technische Informations-
bibliothek, Hannover
(West Germany)

Office of Technical Services

Extraction of Phenols From Tar Fractions With
Aqueous Solutions of Methanol, by A. V. Mazov,
Yu. I. Turskiy, L. E. Danchenko, 8 pp.

RUSSIAN, per, Khim i Tekh Toplivo i Masel USSR,
Vol III, No 10, 1958, pp 44-49.

ATS-41L31R

ATS - RS - 1929

Sci

Dec 59

Vol 2, No 4

102,721